

INTERNATIONAL REVOLVING DOORS



INTERNATIONAL REVOLVING DOOR CO.
EVANSVILLE, INDIANA. U.S.A.



Aluminum Wings and Exterior: Walnut Interior
MILLER'S DEPARTMENT STORE—KNOXVILLE, TENN.
Archts: Barber & McMurry, Knoxville, Tenn.
Contrs: V. L. Nicholson Co., Knoxville, Tenn.



Black Formica: Chromium Hardware
FINE ARTS BUILDING—DETROIT, MICHIGAN
Archts: C. Howard Crane & Assoc., Detroit, Mich.
Contrs: F. Korneffel Co., Detroit, Mich.

INTERNATIONAL RE

★ OF EVANSVILLE,

LOCAL REPRESENTATIVES

ALBANY, N. Y.—Harding Building Specialties Co., 271 Washington Ave.
BALTIMORE, MARYLAND—Edw. J. Seager, 308 Baltimore Life Bldg.
BOSTON, MASS.—Rubin-Burke Co., 216 Tremont St.
BUFFALO, N. Y.—Eugene F. Lerch, 259 Delaware Ave.
CASPER, WYO.—Harry Champion, 523 Park Ave.
CHARLESTON, W. VA.—General Roofing & Air Conditioning Co.
CHATTANOOGA, TENN.—Nixon-Hasselle Co., 1300 Carter
CHEYENNE, WYO.—The Colorado Builders' Supply Co., 1534 Blake St., Denver, Colo.
CHICAGO, ILL.—John H. Brodt, 228 N. La Salle St.
CINCINNATI, OHIO—Calvin C. Huenefeld, 626 Broadway
CLEVELAND, OHIO—Wm. C. Pfeleider, Inc., 406-7 Sweetland Bldg.
COLUMBUS, OHIO—Campbell J. "Honus" Graf, 358 N. High St.
DALLAS, TEXAS—R. M. Sedwick Company, 412 Construction Bldg.
DAVENPORT, IOWA—Benedict Material Company, 604 Union Bank Bldg.
DAYTON, OHIO—G. H. Condit, 712-713 Gas & Electric Bldg.
DENVER, COLO.—Colorado Builders' Supply Co., 1534 Blake St.
DES MOINES, IA.—Hawkeye Engineering Company, 819 Hubbell Bldg.
DETROIT, MICH.—Theo. H. Ollesheimer, 2539 Woodward Ave.
ERIE, PENNA.—Geo. H. Kraft & Son, 602 Shenley Drive
FORT WORTH, TEXAS—R. M. Sedwick Co., 412 Construction Bldg., Dallas, Texas
GRAND RAPIDS, MICH.—Haven-Busch Co., 501-519 Front Ave., N.W.
HARRISBURG, PENNA.—Metal Building Products Co., 1515 N. Cameron St.
HARTFORD, CONN.—Bidwell Hardware Co., 1293 Main St.
HOUSTON, TEXAS—Robert Voigtlander, 1612 Miller St.
HUNTINGTON, W. VA.—James J. Weiler & Sons, 202 Elm St.
INDIANAPOLIS, IND.—Hoover Brothers, 630 Arch'ts. & Bldr's. Bldg.
JACKSONVILLE, FLORIDA—Specialty Supply Co., 412 Margaret St.
KANSAS CITY, MO.—B.D.R. Materials, Midland Bldg.

★ ★ PRODUCTS ★ ★

A complete line of revolving doors and revolving door entrances, including enclosure walls, wings, mechanism, and hardware. Accessory items in connection with Revolving Doors, such as swing doors, sliding doors, glazed panels, transoms, etc., are furnished when desired.

International Revolving Doors can be furnished in all the finer grades of cabinet woods, Formica, aluminum, bronze, nickel silver and stainless steel.

★ ★ DESCRIPTION ★ ★

Newer, smarter, more economical and dependable—International Revolving Doors have revolutionized many old conceptions about revolving door design and operation.

They are in perfect accord with modern architectural conceptions. They have sweeping, curved enclosure walls with smooth surfaces of modern metals, plastics, and wood. Hardware, facia and pilasters harmonize with the newer architecture, or bring up to date the old. Flexible, they meet all traffic needs or architectural expressions.

The **STANDARD** line is made in various materials, (described on pages 6 and 7) and four basic construction methods. The design or sizes of this line are not fixed, but may be varied widely to interpret individual design.

The **STOCK** line (shown on page 8) is an economy line of wood doors where low cost is combined with high quality through production economies.

REVOLVING DOOR CO.

INDIANA, U.S.A. ★

LOCAL REPRESENTATIVES

KNOXVILLE, TENN.—Chavannes Lumber Co., Inc., 400 W. Oldham Ave.
 LEXINGTON, KY.—Faulkner Builders Supply Co., 585 E. Third St.
 LITTLE ROCK, ARK.—Chas. E. Watts, Pyramid Insurance Bldg.
 LOUISVILLE, KY.—The Equipment & Supply Co., 420 Baxter Ave.
 MEMPHIS, TENN.—Geo. O. Friedel, Builders Exchange
 MINNEAPOLIS, MINN.—Hauenstein & Deggendorf, 800 Builders Bldg.
 MILWAUKEE, WISC.—Jackson & Fahey Co., Inc., 1311 Majestic Bldg.
 MOBILE, ALA.—Zelnicker Company, Inc., 235 First National Bank Bldg.
 NASHVILLE, TENN.—Builders Specialties Co., Third National Bank Bldg.
 NEW YORK CITY, N. Y.—Wm. K. Waterman, 100 E. 42nd St.
 OKLAHOMA CITY, OKLA.—Harry C. Geatches, P.O. Box 223
 OMAHA, NEBR.—Kraus & Trustin, 636 Paxton Block
 PEORIA, ILL.—Builders' Specialty Co., 325 S. Washington St.
 PHILADELPHIA, PENNA.—Robert R. MacKay, 2206 Chestnut St.
 PITTSBURGH, PENNA.—Joseph H. Throm, 1639 Oliver Bldg.
 PORTSMOUTH, OHIO—Horr Brothers, 1302 Tenth St.
 RICHMOND, VA.—M. R. Mills, Jr., 210 E. Franklin St.
 ROANOKE, VA.—G. Eric Sachers, P.O. Box 1885
 ST. LOUIS, MO.—Building Specialty Company, 2nd Floor Mart Bldg.
 ST. PAUL, MINN.—Hauenstein & Deggendorf, 800 Bldr's. Bldg.,
 Minneapolis, Minn.
 SALT LAKE CITY, UTAH—Crager Wire & Iron Works, 34 E. 9th St., S.
 SAN ANTONIO, TEXAS—Jno. W. Phillips Co., 207 Builder's Exch. Bldg.
 SAN FRANCISCO, CALIF.—Rolph, Mills & Company, Rialto Bldg.
 SYRACUSE, N. Y.—Waterman Building Specialties, 1407 Erie Blvd., E.
 TOLEDO, OHIO—Spencer Comstock, 817 Security Bank Bldg.
 TULSA, OKLA.—Ray S. Trimble, Philcade Bldg.
 WASHINGTON, D. C.—H. G. Garlock, 412 Southern Bldg.
 WICHITA, KANSAS—Grabendike Engineering Sales Co., P.O. Box 333
 WINSTON-SALEM, N. C.—The Steel Service Co., P.O. Box 454

★ ★ SERVICE ★ ★

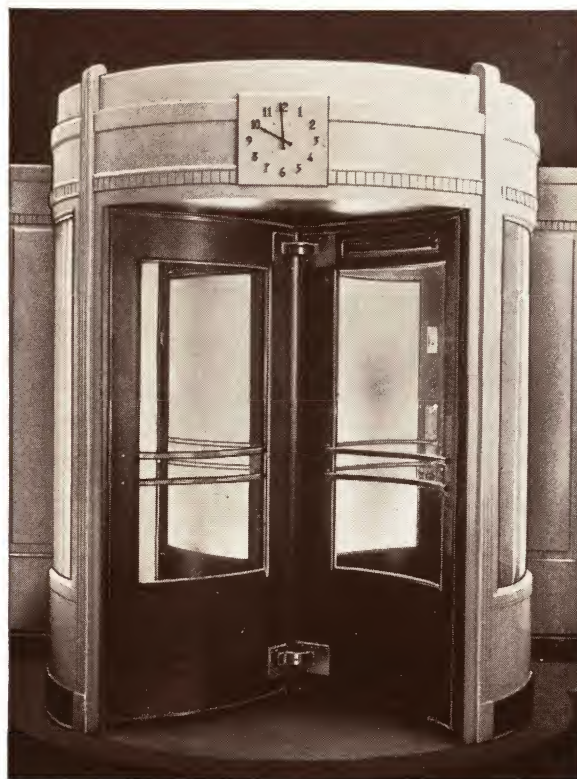
ENGINEERING: The International Revolving Door Company maintains a skilled engineering and design department at its home office in Evansville, Indiana. In addition, it is nationally represented in the principal cities.

This organization, or its representatives will cooperate (without obligation) with the architect in development of designs, or surveys of entrance requirements and recommendations as to capacity, and type best suited. In addition, International will develop figures on the exact cooling or heating loss in any type of entrance.

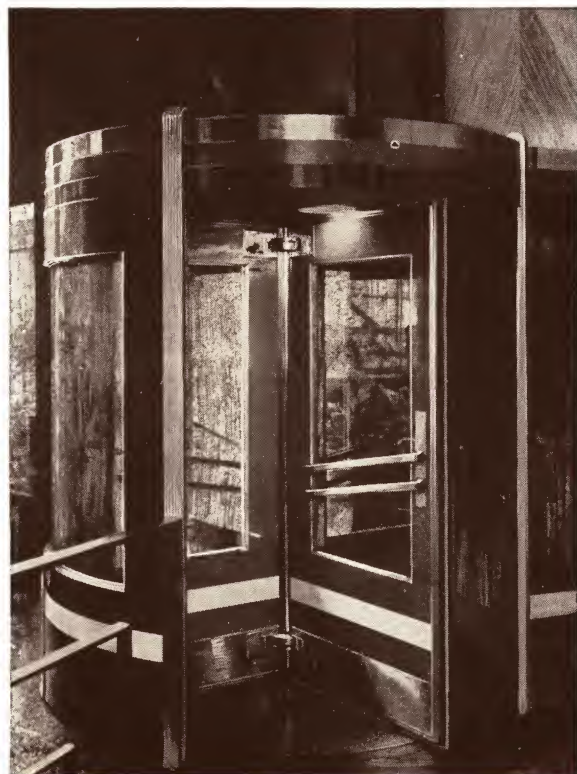
MAINTENANCE: Each branch office has experienced service men and a complete stock of parts to insure uninterrupted service.

★ ★ APPLICATION ★ ★

International Doors can be installed in entrances under varying conditions. By installing revolving doors, lobby areas now vacant because of draughts may be commercially occupied. Heat losses can be conserved in cold weather, and cooling losses in hot weather. High winds or chimney-like suction in tall buildings will make the use of swinging doors difficult, compared to the ease of operation of a revolving door. International Doors, having wings completely weather-sealed eliminate discomfort and damage resulting from draughts, dirt and noise. Savings resulting from above will soon pay for the initial cost of International Revolving Doors.

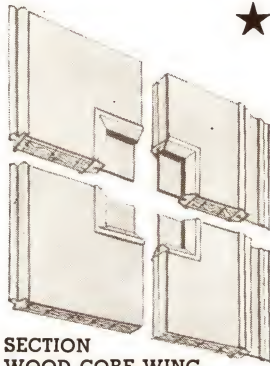


Birch Door: Natural and Enameled Finish
SMITH'S CAFETERIA—TOLEDO, OHIO
 Archts: Mills, Rhines, Bellman & Nordhoff
 Contr: J. H. Berkebile & Sons



Blue and Red Formica: Nickel Hardware
THOMPSON'S RESTAURANT—156 Mkt. St., NEWARK, N. J.
 Archt: Garret J. Couchois, N. Y. City
 Contr: Kuhn, Smith & Harris, N. Y. City

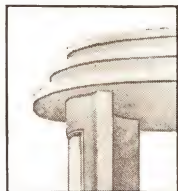
★ INTERNATIONAL STANDARD



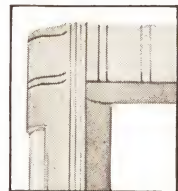
SECTION
WOOD CORE WING



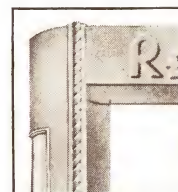
DESIGN SUGGESTIONS



No. 500 WS

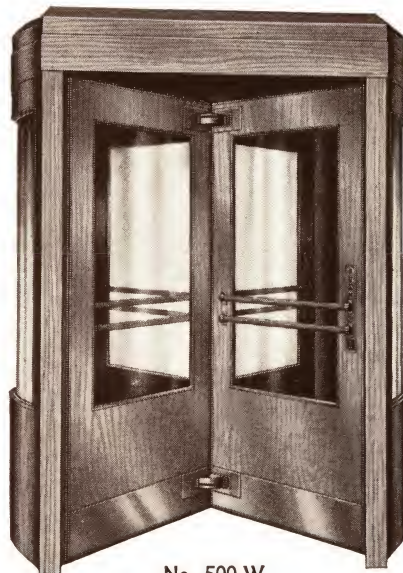


No. 300 A6



No. 300 A1-8

SERIES W *Wood Doors on a Wood Core*



No. 500 W

SERIES F *Formica Doors on a Wood Core*



No. 200 F

CONSTRUCTION—made of any veneered wood in finish specified. All wood doors are 5-ply laminated. They are waterproof, scientifically designed, with ventilated cores to prevent warping.

DESIGN—Base design includes hardware, wings, enclosure walls (unglazed, or glazed in quarter, or half sections), push plates, kick plates, and extruded metal bindings in glazed portions and outer edges of wings. Cornice included to be similar to one shown above.

Full circular cornice, special designs, swing doors, etc., may be added if desired.

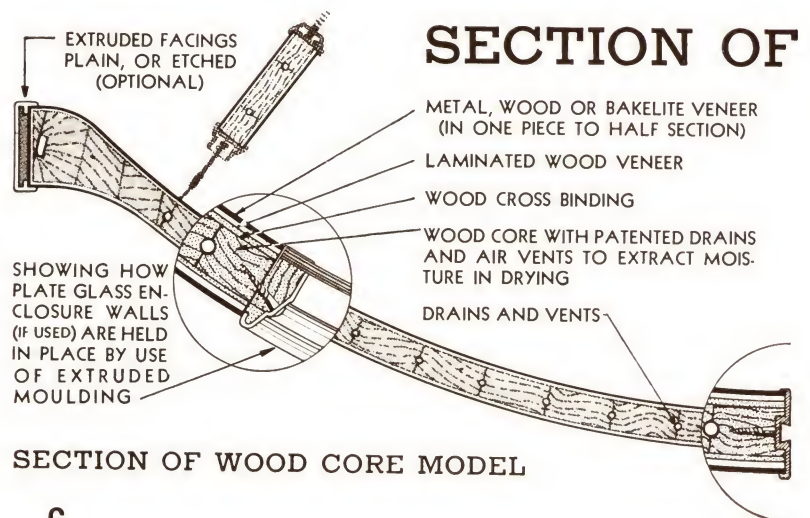
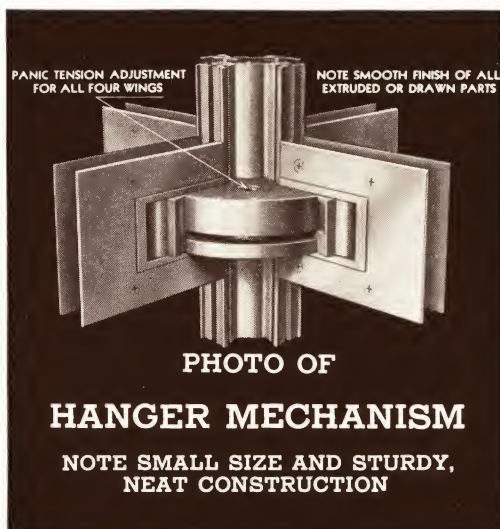
SIZES—International Doors are manufactured in any sizes—to fit building conditions. Recommended sizes are shown on page 9.

International has been the pioneer in the use of Plastics in the revolving door field. This process, as developed by International, consists in a special manufacturing technique by which the Formica covering is integrally bound to wood with waterproof adhesive under pressure.

To the Architect, this process opens a new field of design. It means that he can make his revolving doors (and accessories) in any of the wide range of plastic colors.

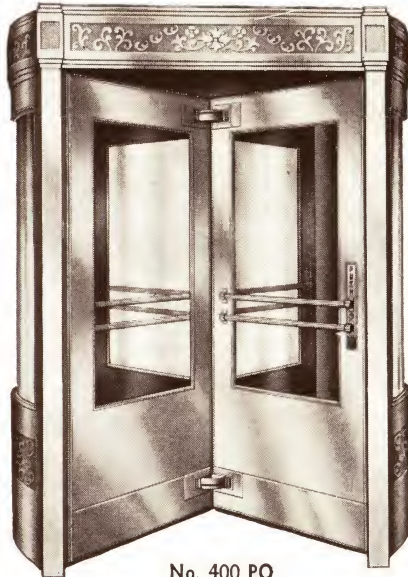
Formica can be inlaid with other colors, or various metals. Its finish is hard, permanent, and requires little care.

Conditions for design or size are same as for Series W.



MODEL REVOLVING DOORS ★

SERIES PO *Metal Doors with Wood Core*



No. 400 PO

A special process of prepared surfaces, water-proof adhesive, and pressure, make the metal surfaces of International Series PO doors an integral, permanent, outer surface to the wood.

An interesting effect made possible by this process is a combination of wood and metal, (or Formica) surfaces in the same door. As an example, an entrance in bronze may have the exterior revolving door surfaces bronze, and the inside veneered to harmonize with interior woodwork.

Any metal may be used: Aluminum (natural or alumilited), bronze, nickel, silver, stainless steel, monel, and many others have been successfully applied.

Glass moulding, hardware, binding, etc., are standard in extruded aluminum, bronze, nickel, silver, or bronze, chromium plated.

Design and size are same as for series W.

SERIES HM *Hollow-Metal with Tubular Wings*



No. 300 HM

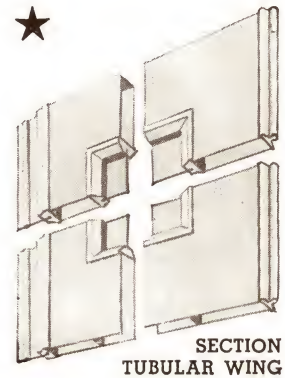
International hollow-metal doors—of all-metal construction are slightly higher in price than the series PO doors. They are permanent, rigid and fireproof.

CONSTRUCTION—The wings—of any metal—are made of seamless tubes welded and rigidly reinforced at corners. With the exception of alumilited aluminum, which shows a fine hair line at the top, there are absolutely no joints visible in International hollow metal wings.

The enclosure—of any metal—is fastened to a specially-braced, electrically-welded steel frame by concealed rivets or welds.

CORNICE—International's high standard of craftsmanship makes it possible to execute unusual, full circular, or special effects in all metal cornices.

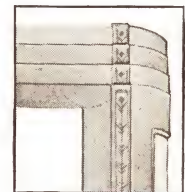
Conditions of design and size as for series W.



SECTION
TUBULAR WING



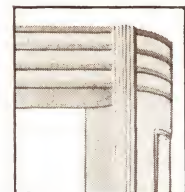
DESIGN SUGGESTIONS



No. 200 F2-4

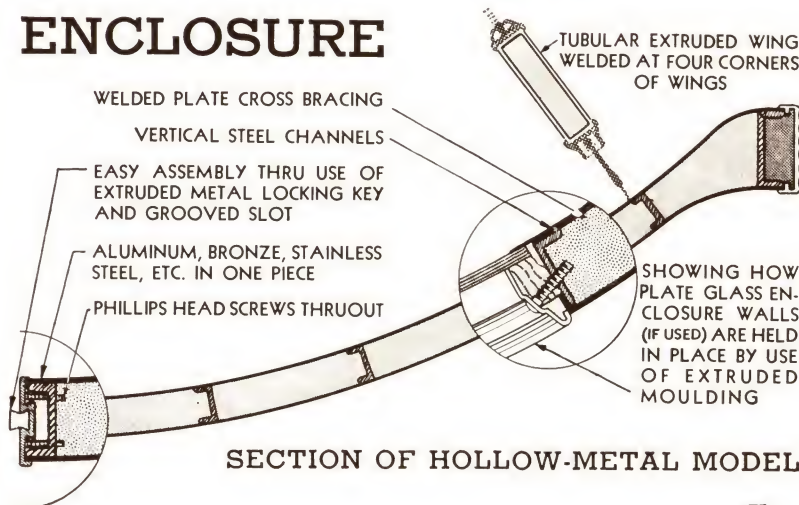


No. 500 W1



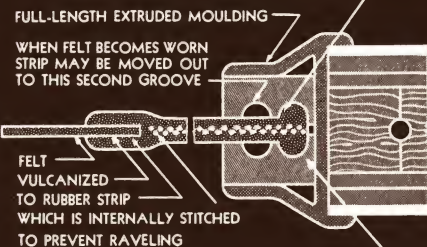
No. 200 F1-4

ENCLOSURE

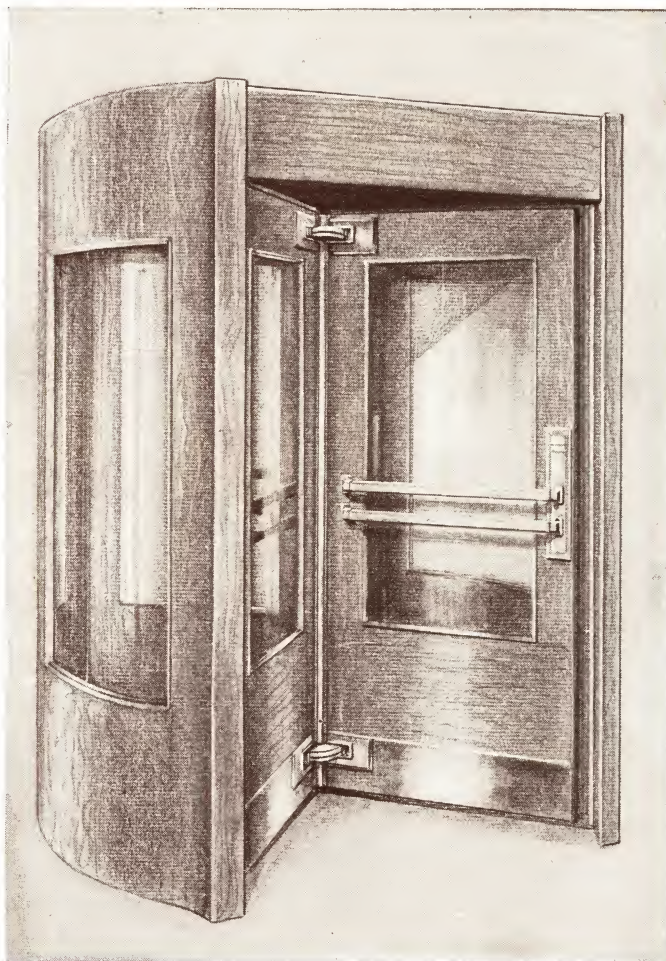


SECTION OF HOLLOW-METAL MODEL

INTEGRALLY VULCANIZED ONE-PIECE WEATHERSTRIP



IMPROVED DOUBLE-WEAR WEATHERSTRIP CLAMP



THE "900" SERIES STOCK DOORS

An economy line of wood doors carried in stock for quick delivery. A high quality product, priced economically only because of production economies.

DESIGN

Available only in the basic design shown at the left. This design may be altered in appearance by addition of horizontal moulds, cornices, lights, or any feature that does not change its basic structure.

MATERIAL

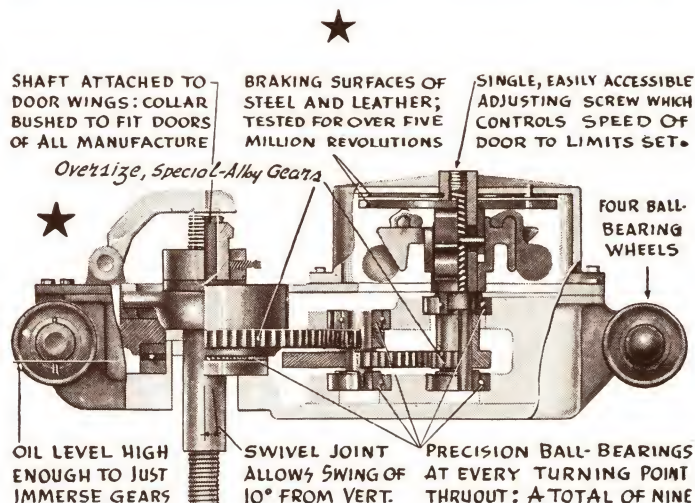
WINGS AND ENCLOSURES—Birch veneer with vented wood core, gloss varnished. (Four-coat hand rubbed varnish, enamel, or lacquer finishes, slightly higher.)

GLAZING—Enclosure walls are either flush veneered or glazed. Glass used is 7/32" drawn plate. (Polished plate slightly higher.)

WEATHERSTRIPPING — Integral-felt-and-rubber, International airlock strip-adjustable for wear.

HARDWARE—Includes Standard International Simultaneous-Releasable-Panic-Proof hardware, kick-plates, pushplates, two standard pushbars approach side of each wing and standard track and trolley. Finish is bronze—natural, satin finish. Chromium plated or nickel silver optional at slight advance in price.

SIZES — Diameter 5'6"—6'0"—6'6"—7'0". Height 6'10" and 7'0". Inner stile 5 1/2"—outer stile 5 1/2"—top rail 8"—bottom rail 24". Cornice height 10 1/2". Refer to plan on opposite page for other dimensions for each diameter.



LEGEND OF OPERATION—Revolving door shaft (with a cup-and-finger pivot to allow door to swing 10° from vertical) is connected to rotating assembly (top right of diagram) by a ball bearing gear system having a total ratio of 16 to 1.

Speed control is made up of four brass weights which hang upon and bear against a rotating rack. Rotation of door past set speed makes these weights press upward against rotating brass disc, which touches leather brake washer, causing braking reaction magnified 16 times through gearing system.

Two springs in opposition against a pin set in rotating disc determine its vertical position. An accessible set screw at top acts on the springs, providing precise adjustable speed control.

SPEED CONTROL AND GOVERNOR

DESCRIPTION—The International Speed Control is a positive "limit" brake of the centrifugal type. It controls speed below any predetermined limit. At normal speeds, it is completely out of engagement.

ADVANTAGES—An International Speed Control prevents spinning and bumping, handling more traffic more efficiently. It reduces wear on all parts—especially rubber strips—and assures safety and convenience to revolving door users. The International Speed Control is recommended by all insurance companies who have investigated entrance accidents.

UNIVERSALITY—The International Speed Control may be installed on revolving doors of any make.

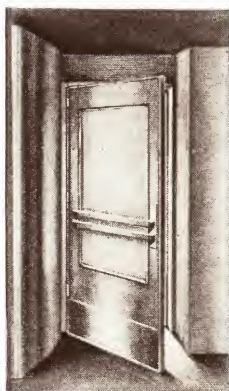
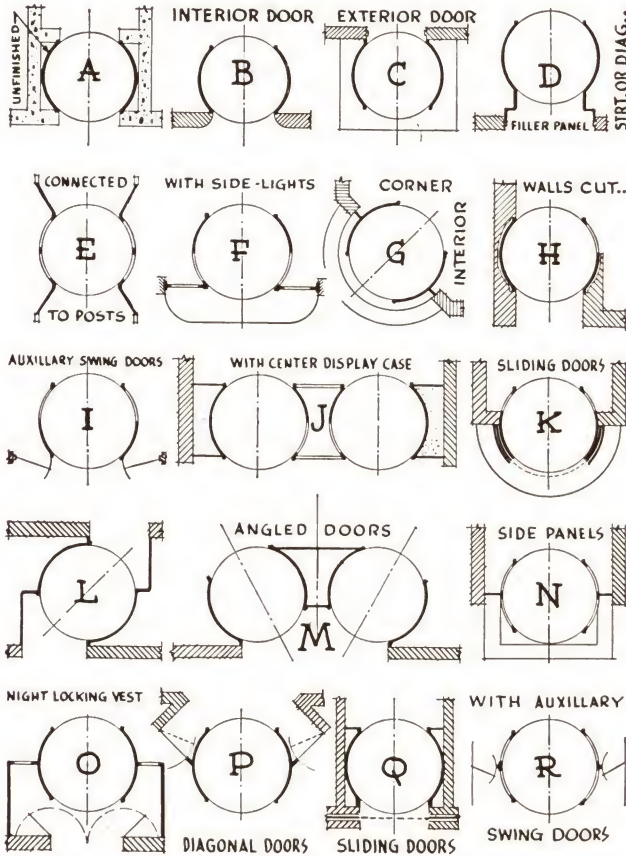
SPACE REQUIRED—Clearance required is the same as that required for standard track and trolley, which is shown at bottom right of page 9.

MAINTENANCE—The International Speed Control requires no oiling. Adjustment is made by one easily accessible adjustment screw. Exclusive mechanical features such as ball bearings, special alloy gears running in oil, etc., result in a governor that will run for years with little or no attention.

International Speed Control is protected by U. S. patents and applications, among which are: Patents No. 1,946,160; 2,029,318; 2,017,468. Other patents pending.

TYPICAL FLOOR PLANS

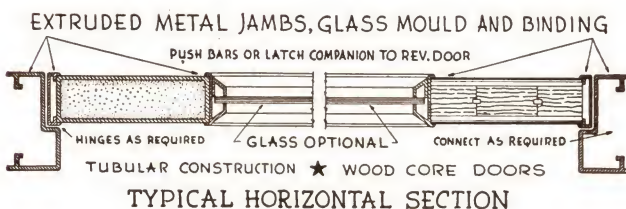
Below are shown some special and typical conditions that may occur. These are not standard plans, but are included simply as suggestive, and for convenience in correspondence.



SWING DOORS

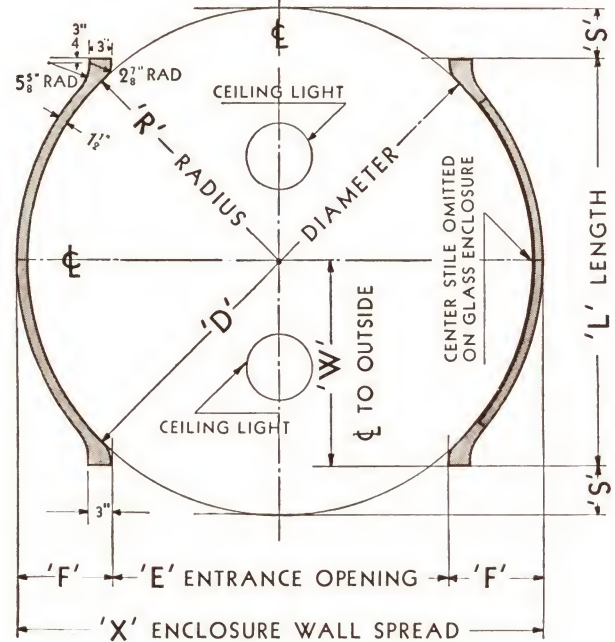
International auxiliary swing doors are made in identical materials to the standard line of revolving doors described on pages 6 and 7. They are available in wood, Formica, and metal on a wood core; and hollow metal tubular, with extruded jambs.

Extrusions, pushplates, pushbars, colours, finish, etc., being companion or identical with revolving door, permit consistency in both design and construction.



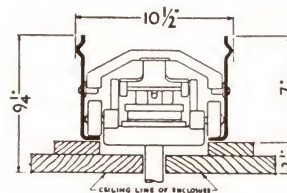
STANDARD DOOR SIZES

STANDARD AND STOCK ENCLOSURE PLAN



STANDARD DIMENSIONS FOR PLAN ABOVE

'D'	'R'	'E'	'X'	'L'	'F'	'S'	'W'
6'-0"	3'-0"	4'-0 ³ / ₈ "	6'-3"	4'-9 ⁸ / ₈ "	1'-1 ⁸ / ₈ "	7'-7 ¹⁶ / ₁₆ "	2'-4 ⁹ / ₁₆ "
6'-2"	3'-1"	4'-2 ¹ / ₄ "	6'-5"	4'-10 ⁸ / ₈ "	1'-1 ³ / ₈ "	7'-13 ¹⁶ / ₁₆ "	2'-5 ³ / ₁₆ "
6'-4"	3'-2"	4'-3 ⁷ / ₈ "	6'-7"	4'-11 ¹ / ₂ "	1'-1 ⁹ / ₁₆ "	8'-4 ¹ / ₄ "	2'-5 ³ / ₄ "
6'-6"	3'-3"	4'-4 ⁷ / ₈ "	6'-9"	5'-1 ³ / ₈ "	1'-2 ¹ / ₁₆ "	8'-5 ⁵ / ₁₆ "	2'-6 ¹¹ / ₁₆ "
6'-8"	3'-4"	4'-6 ¹ / ₄ "	6'-11"	5'-2 ⁵ / ₈ "	1'-2 ³ / ₈ "	8'-9 ⁹ / ₁₆ "	2'-7 ⁵ / ₁₆ "
6'-10"	3'-5"	4'-8"	7'-1"	5'-4 ⁸ / ₈ "	1'-2 ¹ / ₂ "	8'-15 ¹⁶ / ₁₆ "	2'-8 ¹ / ₁₆ "
7'-0"	3'-6"	4'-8 ⁷ / ₈ "	7'-3"	5'-5 ³ / ₄ "	1'-2 ³ / ₈ "	9'-8 ¹ / ₈ "	2'-8 ⁷ / ₈ "
7'-2"	3'-7"	4'-10 ³ / ₄ "	7'-5"	5'-6 ³ / ₄ "	1'-3 ³ / ₈ "	9'-8 ³ / ₈ "	2'-9 ³ / ₈ "
7'-4"	3'-8"	5'-0 ¹ / ₂ "	7'-7"	5'-8"	1'-3 ¹ / ₄ "	10'	2'-10"
7'-6"	3'-9"	5'-2 ¹ / ₈ "	7'-9"	5'-9 ¹ / ₄ "	1'-3 ⁷ / ₁₆ "	10 ³ / ₈ "	2'-10 ⁵ / ₈ "
7'-8"	3'-10"	5'-2 ³ / ₄ "	7'-11"	5'-11 ³ / ₈ "	1'-4 ⁸ / ₈ "	10 ⁵ / ₁₆ "	2'-11 ¹¹ / ₁₆ "

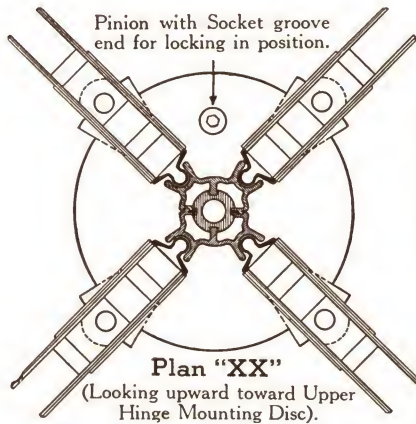


Section through trolley (and speed control) showing clearances required above ceiling for housing mechanism.

Standard door height whatever required, with recommended height 7'0" or 7'6".

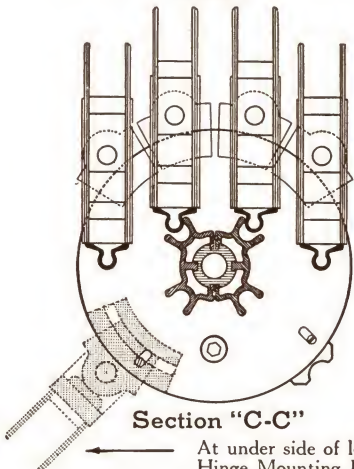
Information on such special items as motor control, burglar locks, flexed walls, etc., will be furnished on request.

DETAILS OF PANIC-PROOF MECHANISM

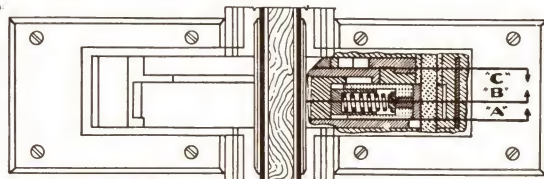
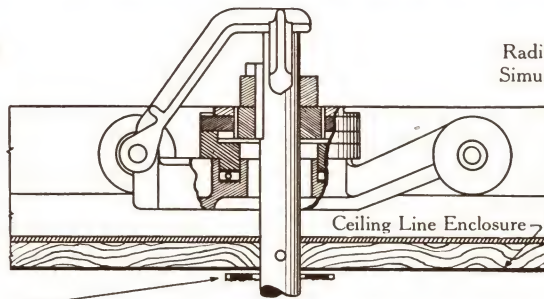


Showing all Wings locked in a revolving position. The Center Shaft Housing of extruded metal member with four rounded angularly spaced grooves receives, engages and seats the extruded metal members the full height of inner edges of Wings, thus stabilizing and completely air-sealing the Wings.

Plan "Y-Y"
Showing Wings collapsed and folded outward



At under side of lower Hinge Mounting Disc, or top side of Upper Disc. To show assembly of all Wings to Mounting Block. Annular Mounting Guide (moving in groove as shown) controls movement of Wings (within limits) in revolving and collapsible position.



Hold Down—Patented feature to prevent unauthorized persons lifting Shaft from position.

Shaft Housing

Hold Down Spring

Ball Thrust Bearing

Plan YY

Lock Nut as above

Floor Level

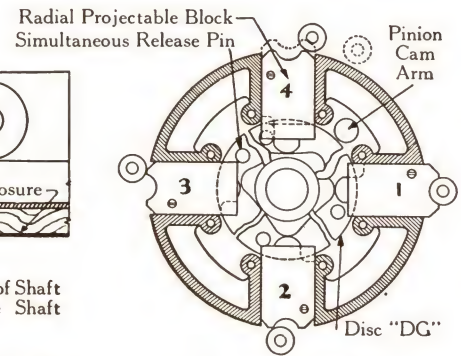
Dirt Chamber

Main Shaft and Shaft Housing are in three Sections: The Center Piece acts as Spacer for Hinge Discs, and the two outer (upper and lower) Sections locked against Mounting Discs (which house release and collapse mechanism) in a balanced horizontal plane at the proper heights.

Dust-Proof Self-Oiling Bearing.
Main Shaft and Assembled Unit are rotatable as unit on pivot.

LONGITUDINAL SECTION

Showing Speed Control, Door Hanger, Roller Carriage, Shaft and Housing, Hinge Mounting Discs and Release Roller Locking Device.



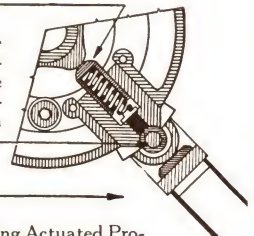
Section "A-A"
(Looking Upward)

Of Hinge Mounting Discs. Note Annular Cam Actuator for shiftable movements (within predetermined limits) to simultaneously lock or unlock Wings. Wing No. 4 shows cam face of Actuator rotated to a position out of path of the spring projected Locking Pin in Wing, thus freeing and allowing Wings to collapse. The Cam Plate shown as Disc "DG" is machined integrally with Cam Actuator Disc, and has on its reverse side a geared quarter section for controlled movement of Cam Actuator within predetermined limits. This geared quarter section meshes with geared end of Pinion (shown above) on whose reverse end is a grooved socket to receive key for manual locking of Wings.

Section "B-B"

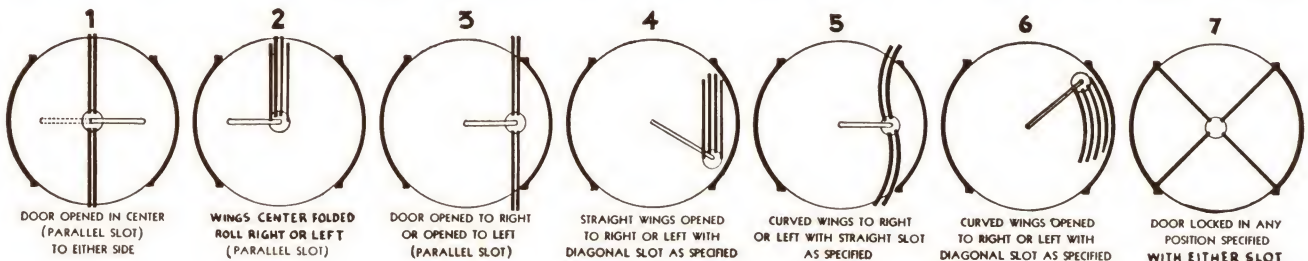
Spring Locking Pin

Note large bearing surface, positive seating, resulting in longer life.



Showing Spring Actuated Projecting Member in End Wing Sections engaging Cam Arm of Cam Plate in revolving position.

VARIOUS FOLDING POSITIONS OF STANDARD WINGS



INTERNATIONAL REVOLVING DOOR COMPANY

SPECIFICATIONS

GENERAL

Revolving Door contractor shall furnish and install as indicated on plans and specifications revolving doors Series No. as manufactured by the International Revolving Door Company, Evansville, Indiana, U.S.A., or an approved equal. Revolving Door contractor to furnish and install enclosure walls, ceiling, cornice, mechanism, trolley, and all necessary hardware and glass.

MECHANISM

Mechanism shall be simultaneously releasing collapsible panic proof, by which application of excess pressure to one or more of the four wings will cause all the remaining wings to be simultaneously released from tension, and entirely free to collapse and swing outward. Mechanism shall be equipped with easy adjustment to allow door wings to be "individually" collapsible, so they may be reset by one man.

Main shaft and shaft housing to be in three sections—the center piece to act as a spacer for hinged disc, and the two upper and lower sections to lock against mounting disc in a horizontal plane.

Door to be equipped with a hold down spring in shaft to prevent unauthorized persons lifting shaft from position.

Mechanism throughout the door shall be sealed and protected from dust and dirt. Mechanism shall be provided with a lower pivot bearing of Parkerized steel and Oilite bronze.

Locking system to have steel-bearing-against-steel and moving engaging members of solid stainless steel.

The center shaft housing to be an extruded metal member with four, rounded, angularly-spaced grooves to receive, engage and seat an extruded metal member which extends the full height of inner wing edges, and stabilizes and completely air-seals wings.

WINGS AND ENCLOSURE WALLS

Wood veneer on wood core—All revolving wings and enclosures to be five ply—(specify wood) on a ventilated wood core. The enclosure walls to be of sweeping streamlined design with corner post laminated as part of the enclosure walls.

Metal Veneer on Wood Core—All revolving wings and enclosures to be gauge (specify metal) glued to five ply ventilated wood core with a water-proof adhesive under pressure. Finish of metal to be

(Following is minimum thicknesses of metal recommended for enclosures and wings: Aluminum No. 16 B. & S. gauge; Nickel Silver No. 16 B. & S. gauge; Stainless Steel No. 22 U.S.S. gauge; Bronze No. 16 B. & S. gauge.)

Formica on Wood Core—All revolving wings and enclosures to be of (specify color) Sheets to be applied under pressure with special waterproof adhesive five-ply ventilated wood core. Wings and enclosure walls to be finished (dull or polished finish).

Hollow Metal Doors—The wings to be of tubular metal construction welded and polished, with the exception of aluminum doors which can not be made on welds and are, therefore, fastened with concealed rivets. No joints to be visible. All corners to be reinforced with solid metal.

Enclosure walls to be of gauge metal fastened to steel channel structural supports with welds or concealed rivets. All welds to be ground and polished so no joint is visible (except on aluminum doors where a hairline will show at the top of wings).

OVERHEAD TROLLEY

Wings to be assembled to main shaft, which in turn is securely anchored to and suspended from overhead trolley or carrying member. Trolley to be constructed of steel parts, including ball bearing wheels and track housing. Trolley to be provided with means for rolling all wings to one side of enclosure.

HARDWARE

Weather strip to be integrally vulcanized, one piece felt and rubber, secured by a special clamp which will permit moving the felt out to a second groove when it becomes worn.

Weather strip to be secured by Double wear clamp No. (specify number).

No. 1. All metal snap clamp which has no screws visible, and slips into extruded mouldings on three edges of each wing.

No. 2. Wood clamp fastened by screws and set in extruded moulding on all three edges.

No. 3. Wood clamp for wood wings. Weatherstrip to be set in wing itself and held by a double grooved wood clamp fastened to door with visible screws.

Push Bars and Push Plates—Push bars to be of extruded metal section in one piece and to be secured by a solid metal bracket.

Push plate to be of aluminum, bronze, etc., etched or plain as desired.

Air Sealing—All four wings are to be completely air-sealed on the inside edges with special full length extruded moulding.

Master-keyed, regular or burglar-locking systems optional.

GLASS

Glass—good quality American polished plate glass of 1/4" thickness.

CEILING AND PILASTER LIGHTS (Optional)

One or two flush ceiling lights to be furnished, including reflectors and removable glass covers, but not to include any electric fixtures. (This latter item and wiring are to be included under "electric contract.")

TRAFFIC SPEED CONTROL (Optional)

Speed of revolving door shall be controlled by a mechanical device, attached and assembled in the trolley carriage. This centrifugal brake shall have special alloy, over-size steel gears operating in oil; friction surface protected from oil splash, and precision ball bearings throughout. The brake shall remain out of engagement at normal speeds. The mechanism to have a single adjustment screw, easily accessible, to keep door speed below any predetermined limit.

AUTOMATIC SLOT CLOSURE (Optional)

Furnish automatic slot closure in ceiling of door opening as required.

INTERNATIONAL REVOLVING DOORS



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